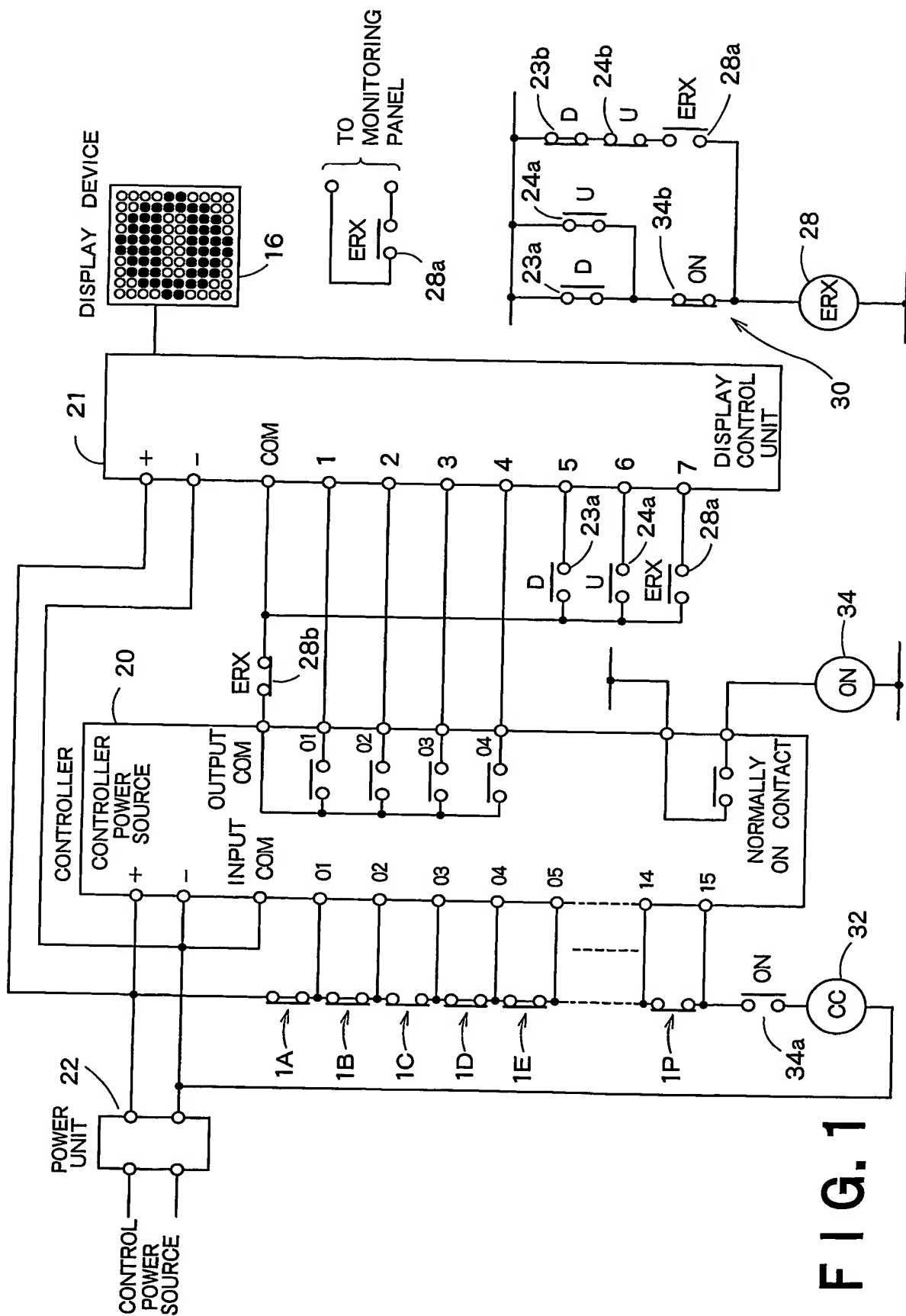


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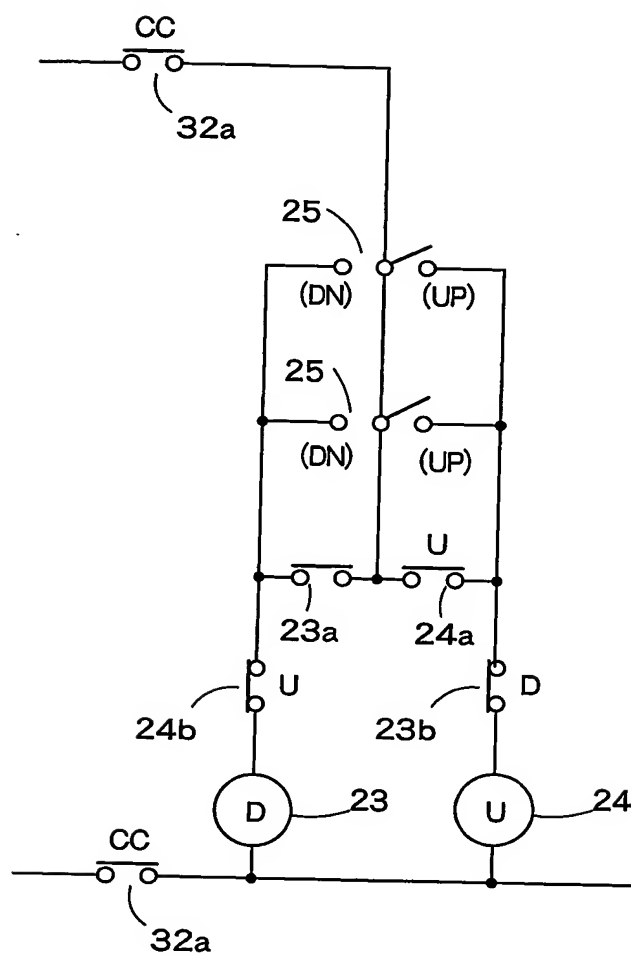


FIG. 2

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| OPERATION OF<br>MAN CONVEYOR | INPUT OF DISPLAY CONTROL UNIT |    |    |    |    |    |    | DISPLAY<br>MESSAGE | ENCRYPTED<br>DISPLAY MESSAGE |       |
|------------------------------|-------------------------------|----|----|----|----|----|----|--------------------|------------------------------|-------|
|                              | 07                            | 06 | 05 | 04 | 03 | 02 | 01 |                    |                              |       |
|                              | CONTROLLER OUTPUT             |    |    |    |    |    |    |                    |                              |       |
|                              | 04                            | 03 | 02 | 01 |    |    |    |                    |                              |       |
| MALFUNCTION                  | O                             | X  | X  | X  | X  | X  | X  | CNT⇔θ              | CNT⇔θ                        |       |
| UP RUNNING                   | X                             | O  | X  | X  | X  | X  | X  | ↑                  | ↑                            |       |
| DN RUNNING                   | X                             | X  | O  | X  | X  | X  | X  | θ                  | θ                            |       |
| SUSPENDING                   | X                             | X  | X  | X  | X  | X  | X  | —                  | —                            |       |
| ACTUATED SAFETY DEVICE       | 1A                            | X  | X  | X  | X  | X  | X  | O                  | 1A⇔θ                         | (Z⇔θ) |
|                              | 1B                            | X  | X  | X  | X  | X  | O  | X                  | 1B⇔θ                         | (Y⇔θ) |
|                              | 1C                            | X  | X  | X  | X  | X  | O  | O                  | 1C⇔θ                         | (X⇔θ) |
|                              | 1D                            | X  | X  | X  | X  | O  | X  | X                  | 1D⇔θ                         | (W⇔θ) |
|                              | 1E                            | X  | X  | X  | X  | O  | X  | O                  | 1E⇔θ                         | (V⇔θ) |
|                              | 1F                            | X  | X  | X  | X  | O  | O  | X                  | 1F⇔θ                         | (U⇔θ) |
|                              | 1G                            | X  | X  | X  | X  | O  | O  | O                  | 1G⇔θ                         | (T⇔θ) |
|                              | 1H                            | X  | X  | X  | O  | X  | X  | X                  | 1H⇔θ                         | (S⇔θ) |
|                              | 1I                            | X  | X  | X  | O  | X  | X  | O                  | 1I⇔θ                         | (R⇔θ) |
|                              | 1J                            | X  | X  | X  | O  | X  | O  | X                  | 1J⇔θ                         | (Q⇔θ) |
|                              | 1K                            | X  | X  | X  | O  | X  | O  | O                  | 1K⇔θ                         | (P⇔θ) |
|                              | 1L                            | X  | X  | X  | O  | O  | O  | X                  | 1L⇔θ                         | (N⇔θ) |
|                              | 1M                            | X  | X  | X  | O  | O  | X  | O                  | 1M⇔θ                         | (M⇔θ) |
|                              | 1N                            | X  | X  | X  | O  | O  | O  | X                  | 1N⇔θ                         | (L⇔θ) |
|                              | 1P                            | X  | X  | X  | O  | O  | O  | O                  | 1P⇔θ                         | (K⇔θ) |

• O : ON, X : OFF      • \* ⇔ @ : ALTERNATING DISPLAY OF \* AND @

FIG. 3

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FIG. 4A

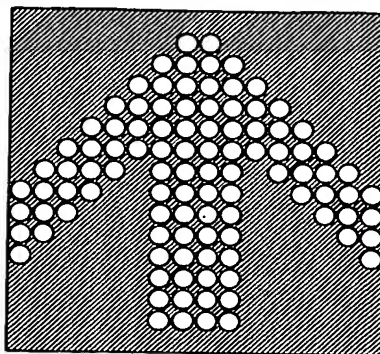


FIG. 4B

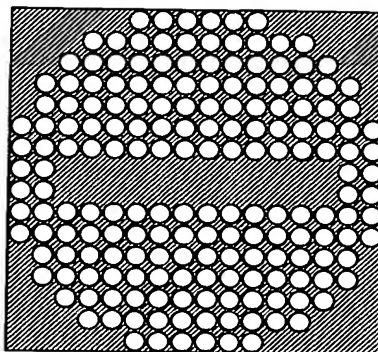
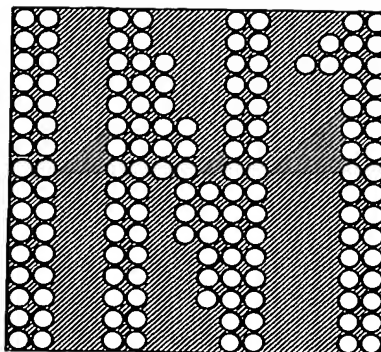


FIG. 4C



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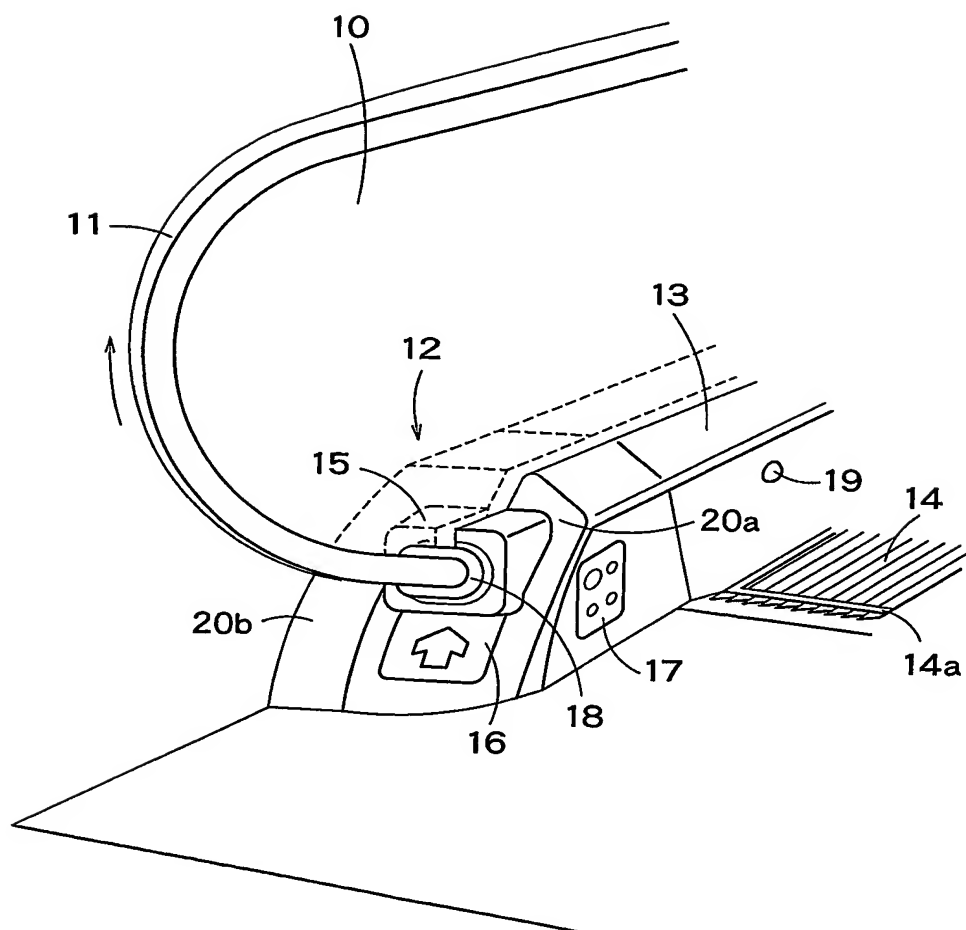


FIG. 5

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